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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION

SAVINGS BLDG.
HELENA, MONTANA

VOL. IX., No. 4. THURBER'S HELENA APRIL, 1961.

Production of crude oil and condensate from the oil and gas areas of Montana for the Month of April, 1961, averaged 82,182 barrels daily, an increase of 725 barrels from the average March production of 81,457.

The nine refineries in the State processed 65,276 barrels of crude oil daily for the month of April, 1961, a decrease of 2,399 barrels from the 67,675 barrels processed daily during the month of March, 1961.

During April, 24 wells were completed, 8 oil, 0 gas wells and 16 dry holes.

During April, the commission issued 23 permits to drill new wells, a decrease of 2 from the 25 permits issued during March.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF APRIL, 1961

IN STORAGE APRIL 1st:	
By Producers	348,087
By Transporters	721,005
By Refiners	636,988
TOTAL STORAGE	1,706,080
Produced in Montana During Month	2,465,480
Imported During Month	1,330,116
TOTALS	5,501,676
DISPOSITION:	
Refined in Montana	2,023,585
Exported	1,795,118
Used for Fuel or Lost	3,986
TOTAL	3,822,689
IN STORAGE APRIL 30th:	
By Producers	387,370
By Transporters	752,160
By Refiner	539,457
TOTAL STORAGE	1,678,987

NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1961

Field	M Cu. Ft.
Bears Den	0
Big Coulee	78,649
Bowdoin	147,159
Bowes	88,355
Box Elder	0
Cabin Creek	93,368
Cedar Creek	503,623
Clarks Fork	0
Cut Bank (including Reagan)	1,015,855
Devon	0
Dry Creek	139,533
Elk Basin	14,843
Flat Coulee	14,066
Golden Dome	0
Grandview	0
Hardin	5,253
Keith Block	266,476
Kevin Sunburst	88,157
Pine	67,955
Plevna	1 3,992
Utopia	46,535
Whitlash	88,941
Miscellaneous	48,897
TOTAL	2,721,657

Total Withdrawals for April, 1960 were 2,524,035 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF APRIL, 1961

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
4	Ash Creek	4	532	2,315		2,458		389
5	Bannatyne	6	1,028	1,545		1,270	(5)	1,308
1	Belfry	1	198	1,024		853		369
8	Big Wall	25	4,068	20,542		21,511	45	3,054
11	Blackfoot	15	4,020	8,206		7,642	(11)	4,595
21	Bowes	73	5,156	19,966	20,276			4,846
	Bredette		1,113				308	805
2	Bredette, North	2	814	986				1,800
2	Brorson	2	1,823	2,297	866			3,254
2	Cabin Creek	104	7,351	378,785	372,335		641	13,160
24	Cat Creek	97	5,128	24,842	14,331	9,424		6,215
	Clark's Fork		183					183
1	Clark's Fork, North	2	2,479	497		779		2,197
1	Cupton	2	1,056	1,186				2,242
365	Cut Bank	1,057	121,627	165,471	159,292		(20)	127,826
3	Deer Creek	6	1,614	18,764	17,822			2,556
2	Delphia	2	783	1,330		1,074		1,039
	Devil's Basin		889					889
4	Dry Creek	4	1,247	2,350	2,057			1,540
6	Dwyer	6	2,431	22,971		22,362	31	3,009
7	Elk Basin	55	2,329	202,720	202,452			2,597
	Fertile Prairie		517					517
2	Frannie	2	367	1,578	1,574			371
2	Gage	2	1,054	711		1,015	1	749
4	Gas City	10	4,511	23,277	21,965			5,823
6	Glendive	11	3,953	33,640	29,872			7,721
4	Gypsy Basin	4	1,012	673				1,685
2	Hibbard	2	839	3,245		3,470		614
10	Ivanhoe	18	8,105	44,835		45,832	70	7,038
4	Keg Coulee	8	4,658	48,208		50,046		2,820
154	Kevin Sunburst	900	15,769	48,416	45,675		2	18,508
1	Little Beaver	15	2,980	35,246	34,942			3,284
4	Little Beaver, East	11	2,757	25,065	24,658			3,164
	Mackay Dome		770					770
3	Melstone	8	1,657	4,519		4,334		1,842
5	Monarch	13	3,230	37,885	35,666			5,449
3	Mosser	5	334	500		500		334
7	Outlook	11	5,319	47,722	43,558			9,483
3	Outlook, South	3	1,857	3,990	3,239			2,608
13	Pennel	24	7,302	65,023	63,678			8,647
4	Pine	143	13,029	406,515	406,575			12,969
73	Pondera	302	8,500	41,595	41,044		(13)	9,064
8	Poplar, East	92	19,698	198,668	198,372		4	19,990
3	Poplar, Northwest	4	1,305	1,835	1,716			1,424
4	Ragged Point	9	2,788	9,690		8,659		3,819
4	Reagan	50	2,566	11,901	11,598			2,869
9	Red Creek	18	3,499	25,740		25,239		4,000
1	Redstone	1	457	1,028	647			838
1	Repeat	1	358	1,616	1,773			201
8	Richey	12	5,638	12,501	13,337			4,802
2	Richey, Southwest	2	2,585	4,972	5,584			1,973
4	Sand Creek	5	3,455	13,072	8,702			7,825
2	Sidney	2	2,857	1,397	3,192			1,062
2	Snyder	4	506	1,271		1,336		441
4	Soap Creek	8	2,558	5,052		5,745		1,865
9	Stensvad	25	10,498	113,942	12,765	99,167	214	12,294
27	Sumatra	89	17,224	201,533	6,897	195,340	260	16,260
7	Sweetgrass Hills	7	1,601	3,876		3,618		1,859
4	Tule Creek	5,	1,885	42,720	41,442			3,163
2	Whitlash	2	5,573	3,159		3,159		5,573
9	Wills Creek	15	3,200	34,951	34,860			3,291
10	Wolf Springs	19	4,480	26,327	25,251			5,556
2	Woodrow	2	967	1,789	1,824			932
895		3,327	348,087	2,465,480	1,909,837	514,833	1,527	387,370

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1960	30,239,915	82,849	30,213,359	82,776
First Quarter, 1961	7,439,465	82,660	7,441,654	82,685
April, 1961	2,465,480	82,182	2,424,670	80,822

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1960	359,360	669,036	652,546	1,680,942
March, 1961	348,087	721,005	636,988	1,706,080
April, 1961	387,370	752,160	539,457	1,678,987

*Includes Wyoming Oil

TRANSPORTERS REPORT
MONTH OF APRIL, 1961

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,458				2,458		
BANNATYNE—Truck			1,270			1,270			
BELFRY—Truck			853				853		
BIG WALL—Truck			21,511			21,511			
BLACKFOOT—Union Oil Co.			7,642			7,642			
BOWES—									
Trigood Oil Co.	2,332	2,545				2,545			2,332
Texaco, Inc.		17,731				17,731			
	2,332	20,276				20,276			2,332
BRORSON—Sun Oil Co.		866					866		
CABIN CREEK & OTHERS*—									
Butte Pipe Line Co.	329,511	942,178		479,329	(2)		1,423,875		327,145
Shell Pipe Line Corp.	3,090	162,091			(566)			163,923	1,824
	332,601	1,104,269		479,329	(568)		1,423,875	163,923	328,969
CAT CREEK—									
Continental Pipe Line Co.	1,846	14,331			19	16,158			
Truck			9,424			9,424			
	1,846	14,331	9,424		19	25,582			
CLARK'S FORK—Truck			779				779		
DELPHIA—Truck									
Big West Oil Co.				1,539		1,539			
Darling Gathering System, Inc.	1,956	8,664							10,620
Phillips Petroleum Co.	96,618	55,500		33,865	1,729	66,676		11,900	105,678
Texas Pipe Line Co.	19,559	25,804		5,624	(31)			6,561	44,457
Toronto Pipe Line Co.	53,405	41,499			(156)			47,959	47,101
Union Oil Co.	83,611	63,317		25,392	(676)	81,853			91,143
	255,149	194,784		66,420	866	150,068		66,420	298,999
DELPHIA—Truck			1,074				1,074		
DRY CREEK—									
Marathon Pipe Line Co.	5,903	2,057			(293)	2,393			5,860
DWYER—Truck			22,362				22,362		
ELK BASIN—Ohio Oil Co.		202,452					202,452		
FRANNIE—Ohio Oil Co.		1,574					1,574		
GAGE—Truck			1,015				1,015		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
The Texas Pipe Line	8,630	58,221			878	5,652	46,223	7,218	6,880
HIBBARD—Truck			3,470				3,470		
IVANHOE—Truck			45,832				45,832		
KEG COULEE—Truck			50,046				50,046		
KEVIN-SUNBURST—									
Big West Oil Co.	2,985	26,620				27,508			2,097
Homestake Oil & Gas Co.	3,140	979				2,619			1,500
The Texas Pipe Line Co.	5,696	23,029			239	22,790			5,696
	11,821	50,628			239	52,917			9,293
MELSTONE—Truck			4,334			4,334			
MOSSER—Truck			500				500		
PONDERA—Phillips Petr. Co.	56,549	42,111			346	38,208			60,106
POPLAR, BREDETTE, OUTLOOK, SOUTH OUTLOOK, REDSTONE, RICHEY & TULE CREEK									
East Poplar Gathering System	15,556	300,758			(241)			308,183†	8,367
RAGGED POINT—Truck			8,659			8,659			
REAGAN—Union Oil Co.		11,598				11,598			
RED CREEK—									
Union Oil Co.		4,252				4,252			
Truck			20,987				20,987		
		4,252	20,987			4,252	20,987		
SIDNEY—Sun Oil Co.		3,192					3,192		
SNYDER—Truck			1,336				1,336		
SOAP CREEK—Truck			5,745				5,745		
SUMATRA AND STENSVAD—									
Crude Oil Pipeline, Inc.	21,118	19,663			(1,835)	23,613			19,003
Truck			294,507				294,507		
	21,118	19,663	294,507		(1,835)	23,613	294,507		19,003
SWEETGRASS HILLS—Truck			3,618			3,618			
WHITLASH—									
Western Natural Gas Co.	188								188
Truck			3,159			3,159			
	188		3,159			3,159			188
WOLF SPRINGS—									
Crude Oil Pipeline, Inc.	9,312	23,029			1,498	18,680			12,163
TOTALS	721,005	2,054,061	510,581	545,749	909	403,432	2,129,146	545,749	752,160

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields. †Transferred to Butte Pipe Line Co.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF APRIL, 1961

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Texaco Inc.	Union Oil Co.	Total
Big Wall						327				327
Blackfoot									8,699	8,699
Bowes			23,503							23,503
Cat Creek		21,350				3,152				24,502
Cut Bank	1,539						65,923		76,835	144,297
Dry Creek				2,067						2,067
Elk Basin					100,402					100,402
Kevin-Sunburst	30,035									30,035
Pondera							38,889			38,889
Reagan									230	230
Red Creek									4,252	4,252
Sumatra		617		112,462	201,491	1,173				315,743
Whitlash									523	523
Total Montana Oil	31,574	21,967	23,503	114,529	301,893	4,652	104,812		90,539	693,469
Canadian Oil Imported									2,645	2,645
Wyoming Oil Imported		389,407		397,208	540,856					1,327,471
TOTAL Mont., Canadian & Wyoming Oil	31,574	411,374	23,503	511,737	842,749	4,652	104,812		93,184	2,023,585

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year, 1960	28,852	56	39,406	68,314
April, 1960	26,615	----	36,608	63,223
April, 1961	22,369	86	42,821	65,276

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
42.23%	.09%	57.68%
42.09%	-------	57.91%
34.26%	.15%	65.59%